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# SPACE MEDICINE

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## SPECIALIZED BIBLIOGRAPHY SERIES

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## SPACE MEDICINE

This bibliography was prepared in conjunction with the colloquium "Space Medicine: Newest Frontier of the Health Sciences" held at the National Library of Medicine on November 13, 1986. The colloquium was one of a series held in celebration of the Library's sesquicentennial.

Because there is a large volume of literature on space flight which covers all disciplines of science, this selective bibliography is limited, for the most part, to references on the biomedical aspects as they relate to the human factor in space flight or the space environment. These include physiological, biological, and behavioral functions. There are a limited number of references of a more general nature relating to equipment design, life support systems, environmental control, radiation effects, life sciences, and international cooperation. In general, references to animal and cell culture studies have been excluded.

This bibliography covers the ten-year period from 1977 to the present and includes only English language publications. Sources for the references include NLM's MEDLINE and CATLINE databases as well as BIOSIS, EMBASE, Aerospace Database, Dissertation Abstracts Online, Mental Health Abstracts, NASA RECON, PSYCHINFO, and Social SciSearch. All types of publications have been included: monographs, journal articles, technical reports, conference proceedings, and dissertations. This bibliography is extensive but not exhaustive; the exclusion of particular items is no reflection on their quality or usefulness.

"Space Medicine" has been divided into seven broad categories: bone metabolism, the cardiovascular system, general physiology, motion sickness, psychological/behavioral aspects, radiation effects, and other. The latter includes broad general publications as well as specific ones which fall outside the categories listed above.

For a comprehensive publication on the pre-1977 aspects of space medicine, the reader is referred to:

Foundations of space biology and medicine: joint  
USA/USSR publication. Melvin Calvin and Oleg G.  
Gazenko, general editors. Washington: Scientific  
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